

14 March 2019 / Number 10

Surveillance System in Tokyo, Japan

The infectious diseases which all physicians must report

All physicians must report to health centers the incidence of the diseases which are shown at page one. Health centers electronically report the individual cases to Tokyo Metropolitan Infectious Disease Surveillance Center.

The infectious diseases required to be reported by the sentinels

The numbers of patients who visit the sentinel clinics or hospitals during a week are reported to health centers in Tokyo. And they electronically report the numbers to Tokyo Metropolitan Infectious Disease Surveillance Center. We have about 500 sentinel clinics and hospitals in Tokyo.

Tokyo Metropolitan Institute of Public Health

TEL:81-3-3363-3213 FAX:81-3-5332-7365

e-mail:www@tokyo-eiken.go.jp

URL:idsc.tokyo-eiken.go.jp/

Number of patients with the diseases which all physicians must report

Category	Diseases	Tokyo					Japan	
		7th	8th	9th	10th	Cum 2019	10th	Cum 2019
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	47	71	61	60	525	335	3,530
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera							
	Shigellosis			1	2	5	5	19
	Enterohemorrhagic Escherichia coli infection		4	8	1	27	14	198
	Typhoid fever					1		6
	Paratyphoid fever					1	1	4
IV	Hepatitis E	2	4	2	3	21	11	79
	West Nile fever							
	Hepatitis A	1	2	1	2	14	5	97
	Echinococcosis							1
	Yellow fever							
	Psittacosis				1	1		6
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							1
	Monkeypox							
	Zika virus infection							
	Severe Fever with Thrombocytopenia Syndrome						1	3
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever						1	2
	Scrub typhus(Tsutsugamushi disease)							40
	Dengue fever	2		3	2	21	8	57
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever							4
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
	Botulism							
Malaria					2	1	6	
Tularemia								
Lyme disease								
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	1	1	2	1	27	19	260	
Leptospirosis								
Rocky mountain spotted fever								

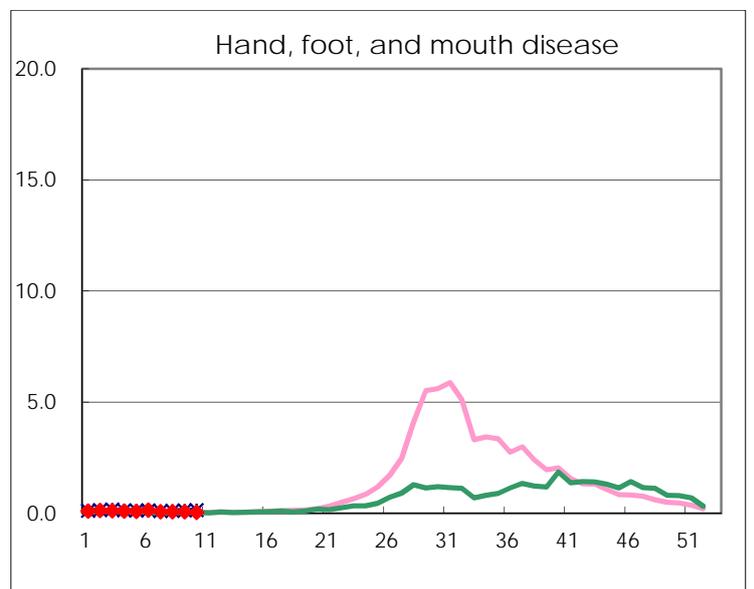
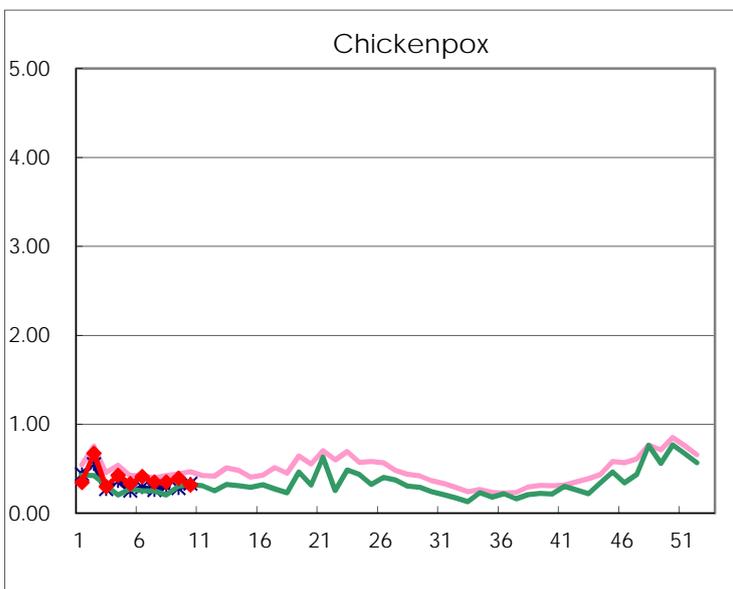
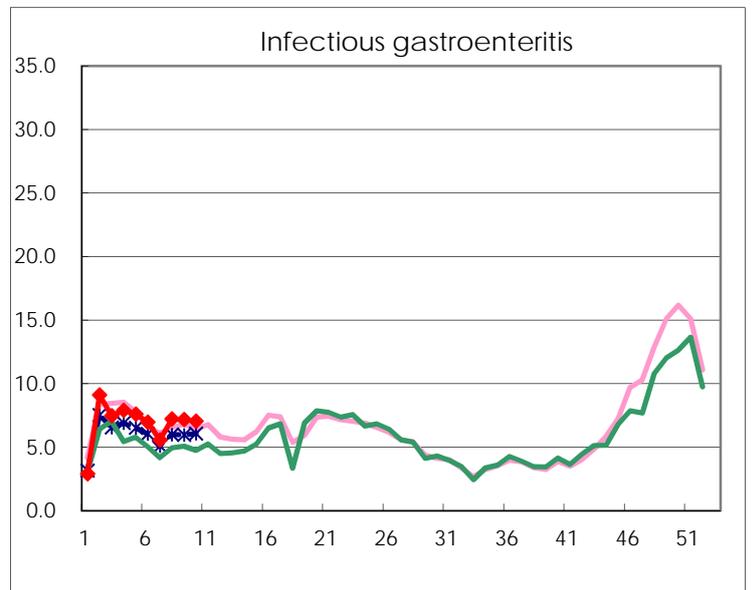
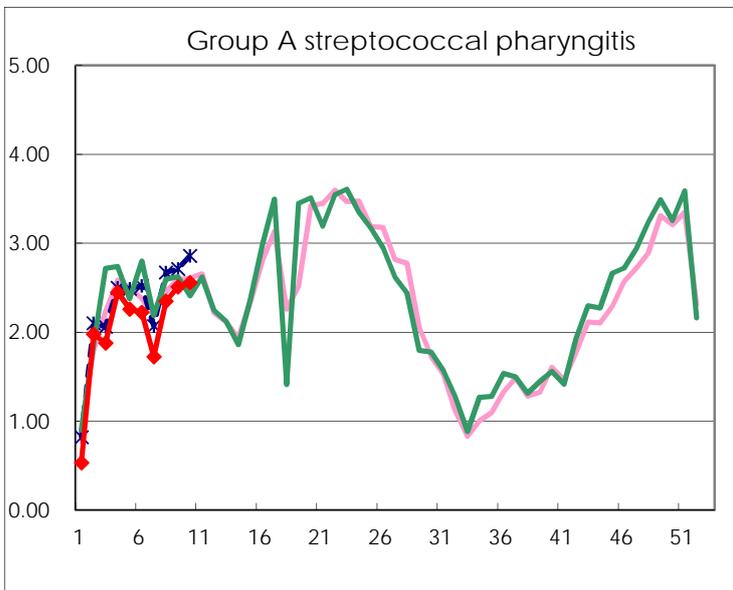
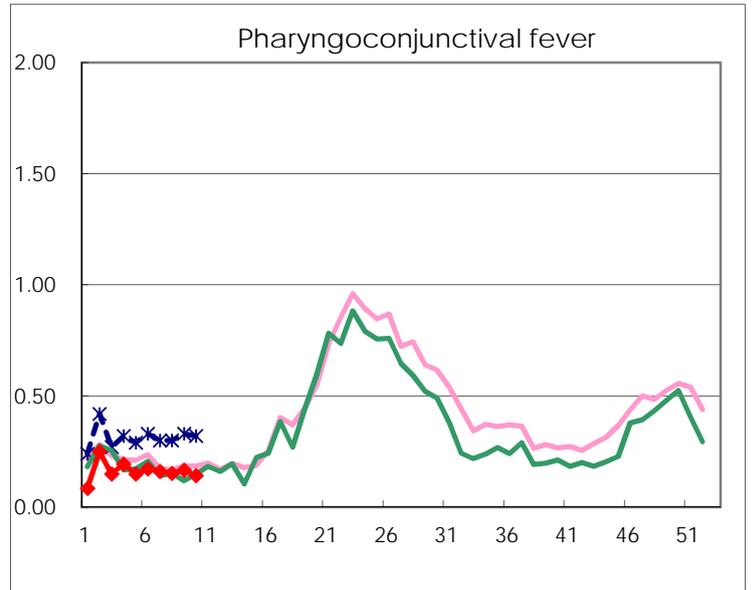
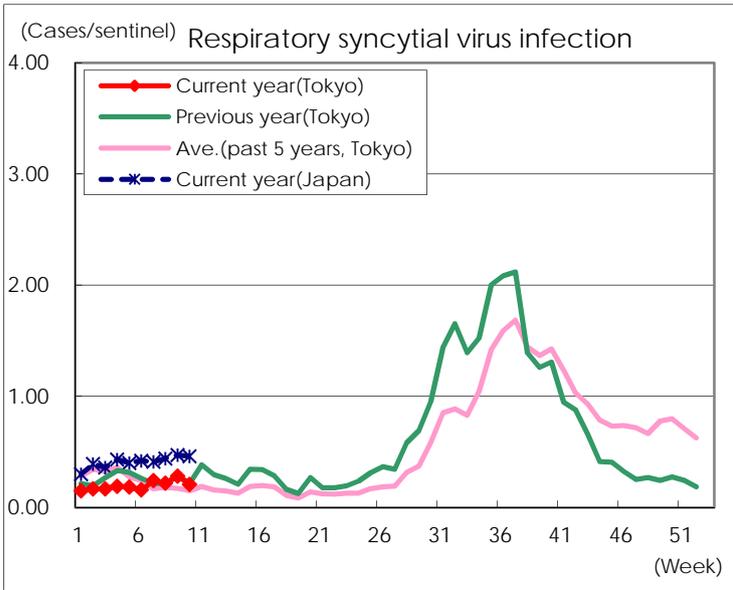
Category	Diseases	Tokyo					Japan	
		7th	8th	9th	10th	Cum 2019	10th	Cum 2019
V	Amebiasis		4	4	6	34	14	158
	Viral hepatitis(excluding hepatitis A and E)	1		3	2	14	2	60
	CRE infection	3	7	4	5	40	20	356
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)							12
	Acute encephalitis(excluding JE and WNE)	4	1	1	1	33	8	289
	Cryptosporidiosis						1	1
	Creutzfeldt-Jakob disease	2	2			7	3	30
	Severe invasive streptococcal infections(TSLs)	1	1	2		19	7	192
	Acquired immunodeficiency syndrome (AIDS)	12	5	7	10	74	8	190
	Giardiasis				1	2	1	8
	Invasive <i>Haemophilus influenzae</i> disease	1	1	2	2	23	7	128
	Invasive meningococcal disease					1		12
	Invasive pneumococcal disease	7	11	7	5	99	49	743
	Varicella (limited to hospitalized case)	1			2	9	7	77
	Congenital rubella syndrome							1
	Syphilis	39	39	46	25	326	88	1,132
	Disseminated cryptococcosis					2	3	28
	Tetanus							8
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection						2	16
	Pertussis	32	40	33	28	397	259	2,989
Rubella	13	33	41	30	251	77	860	
Measles	3	5	7	2	28	14	304	
MDRA infection					2		5	

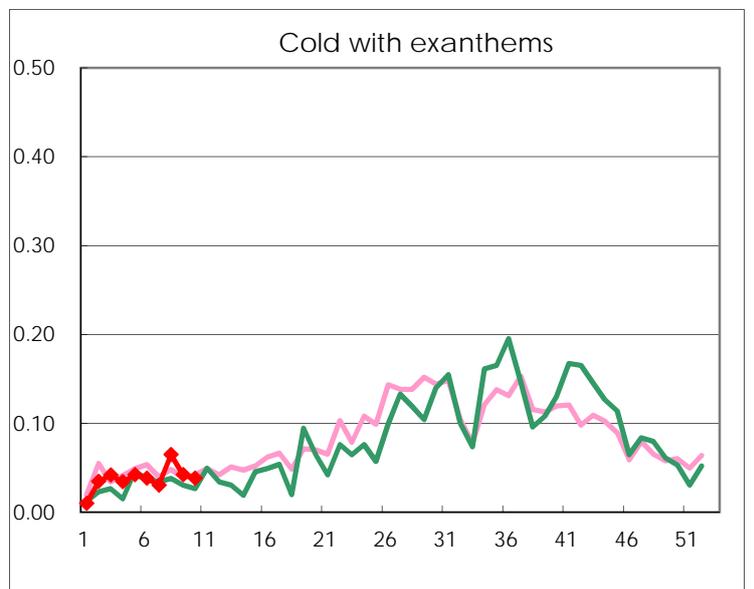
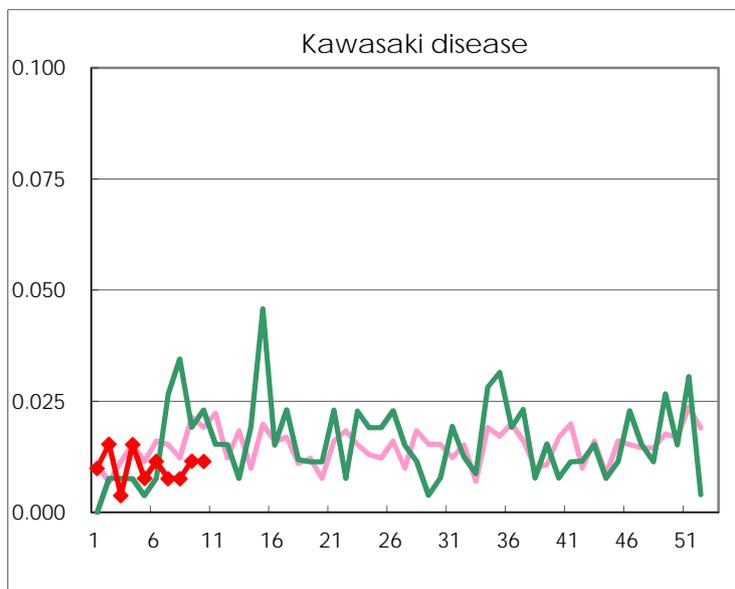
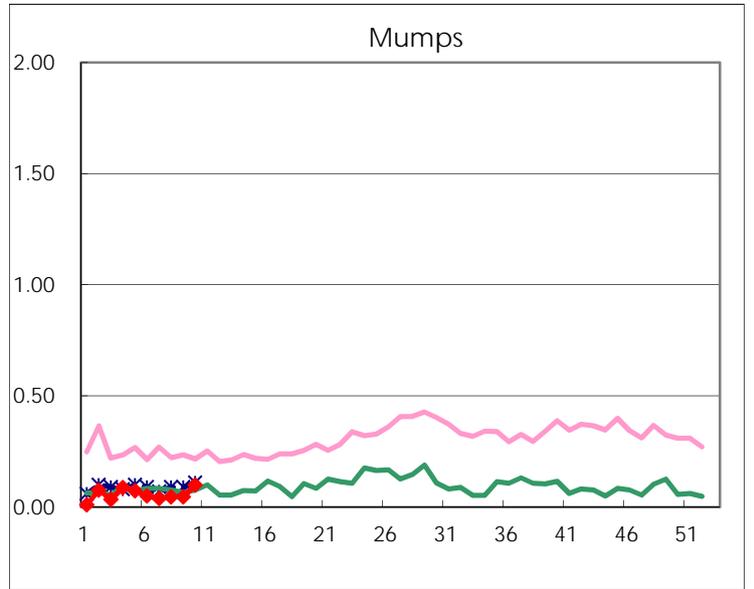
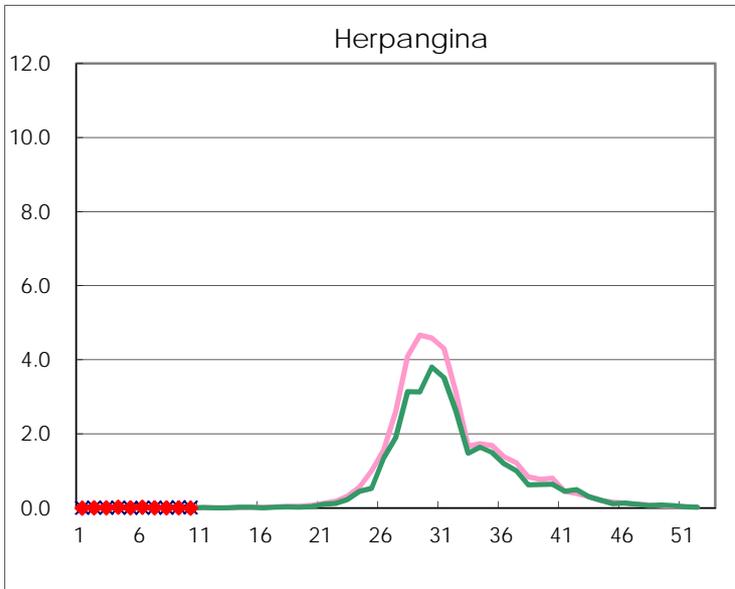
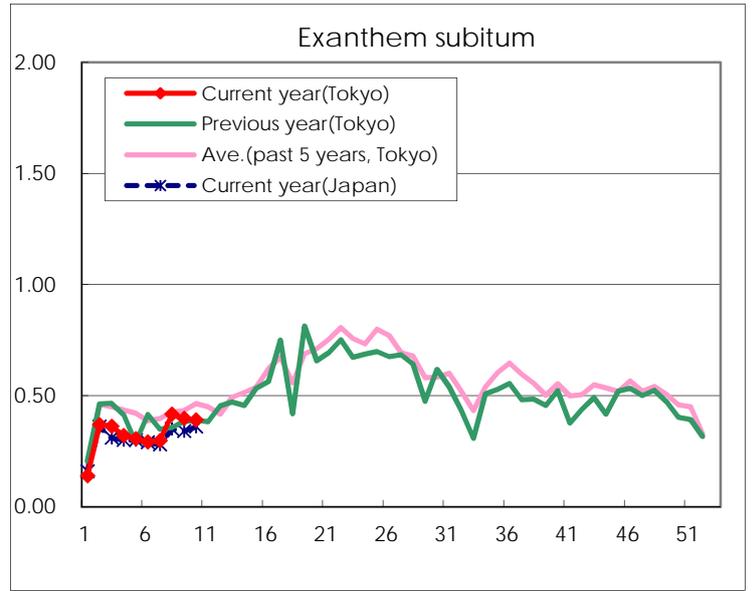
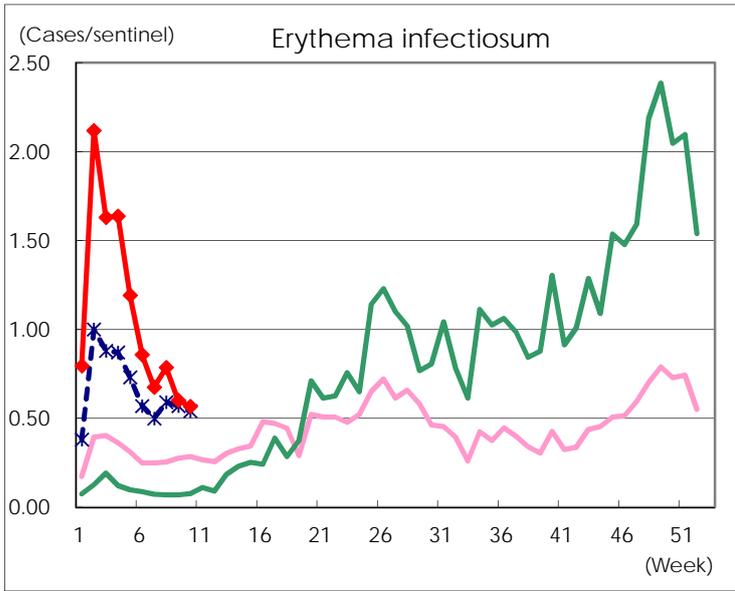
Number of patients with the diseases to be reported
by the designated clinics and hospitals

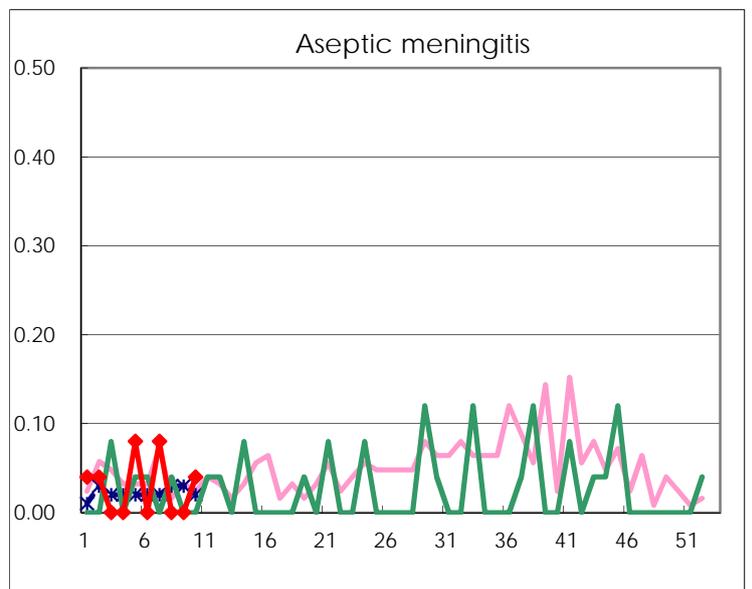
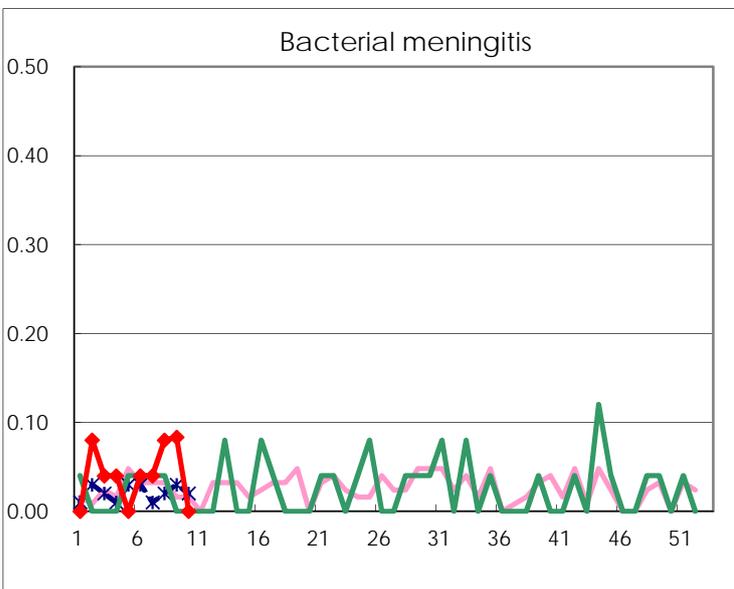
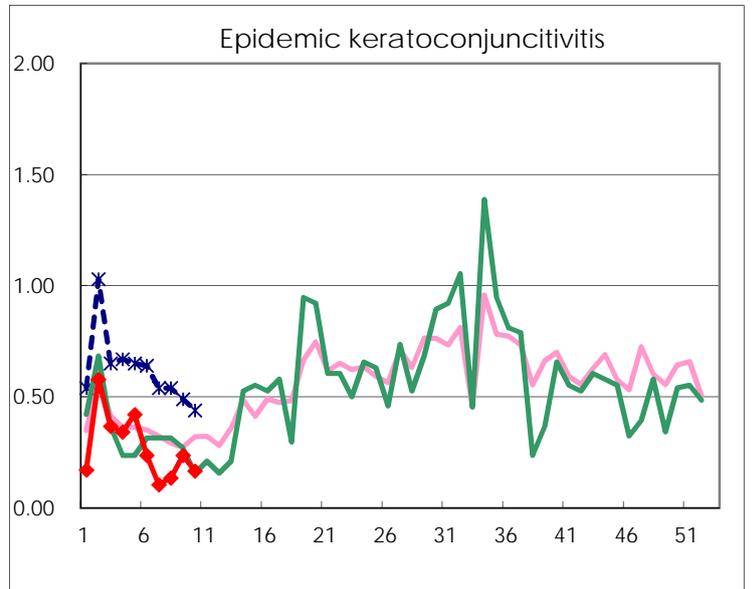
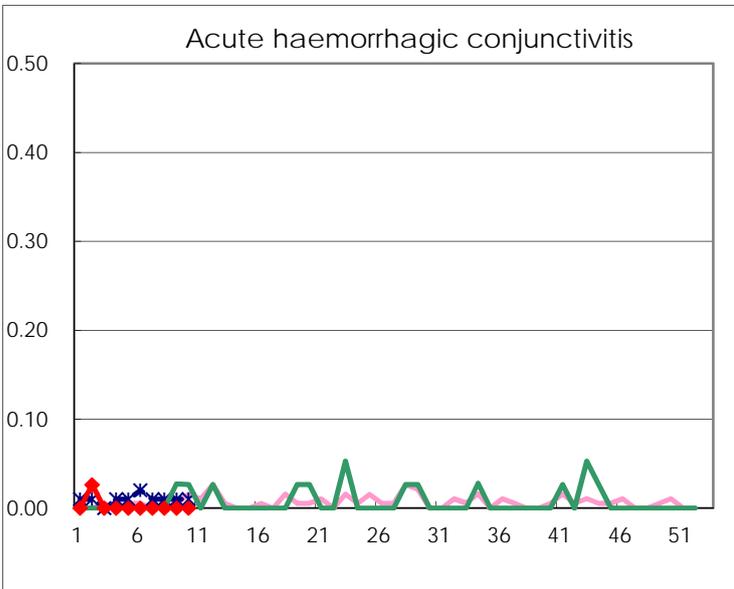
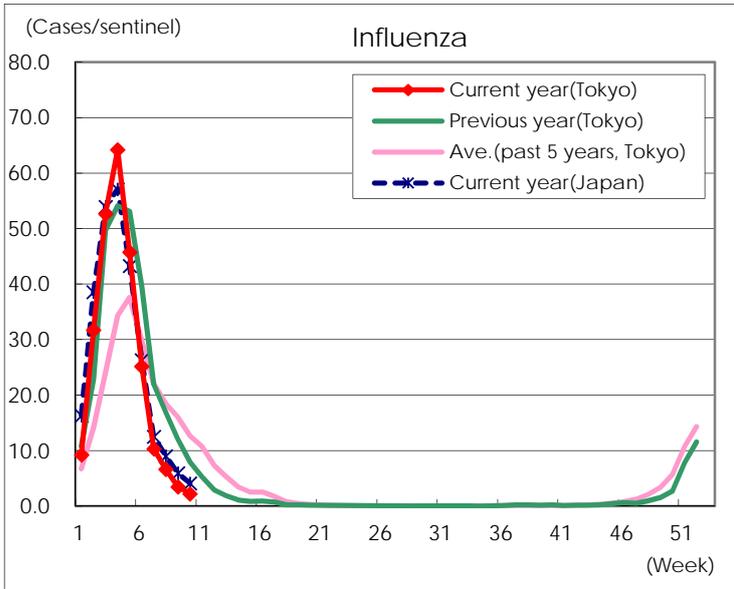
Diseases	Tokyo				
	7th	8th	9th	10th	/sentinel
Respiratory syncytial virus infection	63	57	73	54	0.21
Pharyngoconjunctival fever	42	40	43	37	0.14
Group A streptococcal pharyngitis	452	615	650	667	2.56
Infectious gastroenteritis	1,453	1,888	1,855	1,836	7.03
Chickenpox	91	91	101	83	0.32
Hand, foot, and mouth disease	20	19	17	12	0.05
Erythema infectiosum	177	206	156	148	0.57
Exanthem subitum	78	109	103	102	0.39
Herpangina	3	2	3		
Mumps	10	12	12	26	0.10
Kawasaki disease	2	2	3	3	0.01
Cold with exanthems	8	17	11	10	0.04
Influenza	4,281	2,739	1,434	912	2.20
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	4	5	9	6	0.17
Bacterial meningitis	1	2	2		
Aseptic meningitis	2			1	0.04
<i>Mycoplasma pneumoniae</i>	2		4	2	0.08
Chlamydial pneumonia (excluding psittacosis)	1				
Infectious gastroenteritis (only by Rotavirus)	9	3	6	4	0.16
Influenza-Associated Hospitalizations	56	36	21	12	0.48

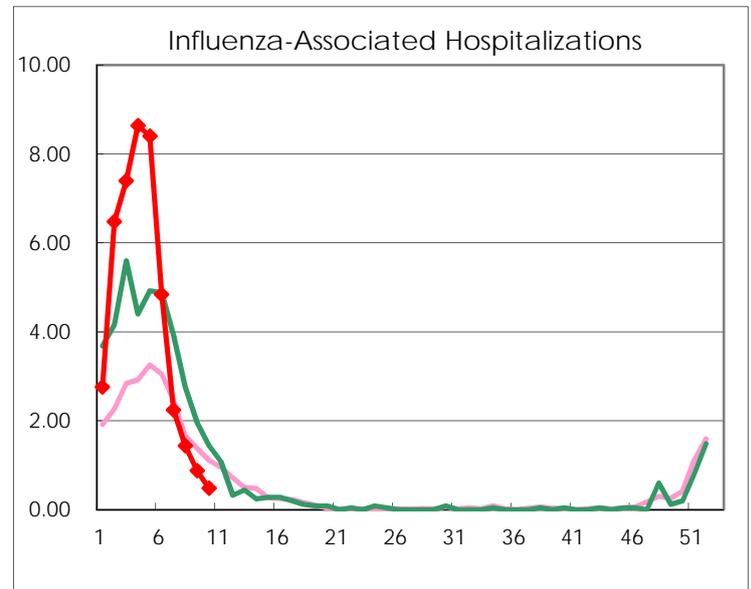
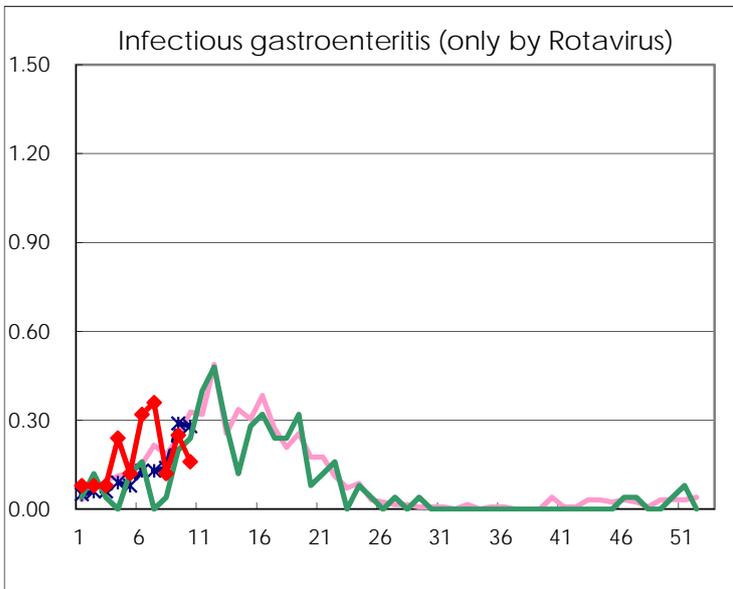
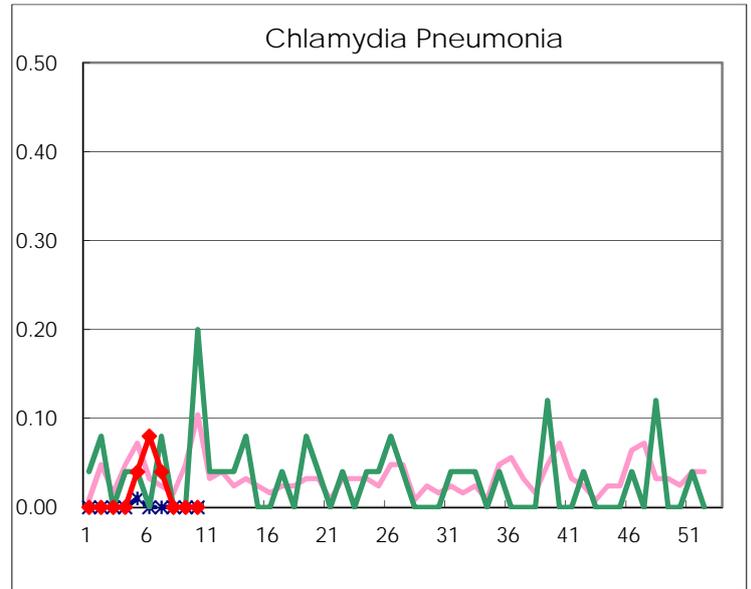
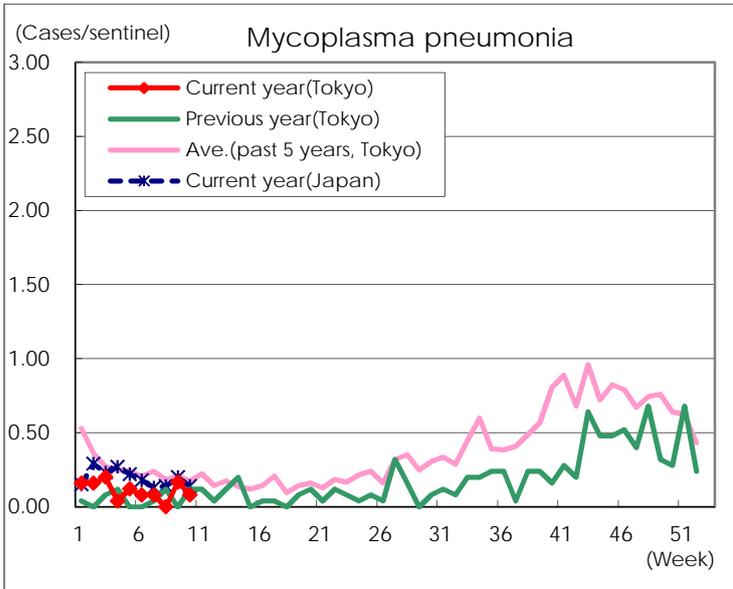
(Blank means 0.)

Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	261
Influenza	419	414
Ophthalmic	39	36
Specially-designated	25	25